

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10601237
Filing Date	2003-06-19
First Named Inventor	Laurence B. Boucher
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	ALA-008F

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5281963		1994-01-25	Ishikawa et al.	
	2	5588121		1996-12-24	Reddin et al.	
	3	5129093		1992-07-07	Muramatsu et al.	
	4	7283522		2007-10-16	Siddabathuni	
	5	7519699		2009-04-14	Jain	
	6	7181531		2007-02-20	Pinkerton et al.	
	7	7543087	B2	2009-06-02	Philbrick et al.	
	8	5553241		1996-09-03	Shirakhar	

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	9	5596574		1994-01-21	Perlman et al.	
	10	5684954		1997-11-04	Kaiserwerth et al.	
	11	5706514		1998-01-06	Bonola	
	12	5751723		1998-05-12	Vanden Heuvel et al.	
	13	5799150		1998-08-25	Hamilton et al.	
	14	5819111		1998-10-06	Davies et al.	
	15	5870394		1999-02-09	Oprea	
	16	5878227		1999-03-02	Wade et al.	
	17	5915094		1999-06-22	Kouloheris et al.	
	18	5926642		1999-07-20	Favor	
	19	5917828		1999-06-29	Thompson	

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	20	5935249		1999-08-10	Stern et al.	
	21	5963876		1999-10-05	Manssen et al.	
	22	5978844		1999-11-02	Tsuchiya et al.	
	23	7496689	B2	2009-02-24	Sharp et al.	
	24	6014557		2000-01-11	Morton et al.	
	25	7472156	B2	2008-12-30	Philbrick et al.	
	26	7627684	B2	2009-12-01	Boucher et al.	
	27	7627001	B2	2009-12-01	Craft et al.	
	28	6233242		2001-05-15	Mayer et al.	
	29	6243667		2001-06-05	Kerr et al.	
	30	6343345		2002-01-29	Hilla et al.	

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	31	6418169		2002-07-09	Datari	
	32	7584260	B2	2009-09-01	Craft et al.	
	33	6453406		2002-09-17	Sarnikowski et al.	
	34	6483804		2002-11-19	Muller et al.	
	35	6542504		2003-04-01	Mahler et al.	
	36	6631484		2003-10-07	Born	
	37	6683851		2004-01-27	Wilkie et al.	
	38	6697366		2004-02-24	Kim	
	39	6976148		2005-12-13	Arimilli et al.	
	40	7047320		2006-05-16	Arimilli et al.	
	41	7461160	B2	2008-12-02	Boucher et al.	

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	42	7337241		2008-02-26	Boucher et al.	
	43	7502869	B2	2009-03-10	Boucher et al.	
	44	7287092	B2	2007-10-23	Sharp	
	45	7673072	B2	2010-03-02	Boucher et al.	
	46	7664868	B2	2010-02-16	Boucher et al.	
	47	7694024	B2	2010-04-06	Philbrick et al.	
	48	7664883	B2	2010-02-16	Craft et al.	
	49	7738500	B1	2010-06-15	Jones et al.	
	50	7640364	B2	2009-12-29	Craft et al.	
	51	7620726	B2	2009-11-17	Craft et al.	

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**U.S.PATENT APPLICATION PUBLICATIONS**

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Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010037406	A1	2001-11-01	Philbrick, Clive M. et al.	
	2	20020156927	A1	2002-10-24	Boucher, Laurence B. et al.	
	3	20030014544	A1	2003-01-16	Pettey, Christopher J.	
	4	20040249957	A1	2004-12-09	Ekis et al.	
	5	20040010712	A1	2004-01-15	Hui, Man Him et al.	
	6	20040042458	A1	2004-03-04	Elzu, Uri	
	7	20040042464	A1	2004-03-04	Elzur, Uri et al.	
	8	20040049580	A1	2004-03-11	Boyd, William Todd et al.	
	9	20040049601	A1	2004-03-11	Boyd, William Todd et al.	
	10	20040210795	A1	2004-10-21	Anderson, Eric	

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	11	20050060538	A1	2005-03-17	Beverly, Harlan T.	
	12	20060248208	A1	2006-11-02	Walbeck, Alan K. et al.	
	13	20070083682	A1	2007-04-12	Bartley, Gerald Keith et al.	
	14	20030046330	A1	2003-03-06	Hayes, John W.	
	15	20080043732	A1	2008-02-21	Desai, Shailendra et al.	
	16	20080170501	A1	2008-07-17	Patel, Alpesh et al.	
	17	20080209084	A1	2008-08-28	Wang, Chi-Lie et al.	
	18	20080240111	A1	2008-10-02	Gadelrab, Serag	
	19	20090063696	A1	2009-03-05	Wang, Linghsiao et al.	
	20	20050144300	A1	2005-06-30	Craft et al.	
	21	20040088262	A1	2004-05-06	Boucher et al.	

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#### FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	WO 07/130476	US		2007-11-15	Alacritech, Inc.		<input type="checkbox"/>

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#### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	STARR, DAVID D. et al. "Intelligent Network Storage Interface Device." The entire file wrapper for application number 09/675,700. Group Art Unit: 2457; Confirmation Number: 9585; Attorney Docket Number: ALA-010B. Filed September 29, 2000.	<input type="checkbox"/>
	2	BOUCHER, LAURENCE B. et al. "Intelligent Network Interface System and Method for Accelerated Protocol Processing." The entire file wrapper for application number 09/692,561. Group Art Unit: 2457; Confirmation Number: 5890; Attorney Docket Number: ALA-002A. Filed October 18, 2000.	<input type="checkbox"/>
	3	STARR, DARYL D., et al. "Intelligent Network Storage Interface System." The entire file wrapper for 10/261,051. Group Art Unit: 2451; Confirmation Number: 6753; Attorney Docket Number: ALA-010C. Filed September 30, 2002.	<input type="checkbox"/>
	4	CHANDRANMENON GIRISH P. et al. "Trading Packet Headers for Packet Processing." IEEE/ACM Transactions on Networking. Volume 4, Number 2. April 1996. Pages 141-152.	<input type="checkbox"/>
	5	CRAFT, PETER K. et al. "TCP Offload Device that Batches Session Layer Headers to Reduce Interrupts as Well as CPU Copies." The entire file wrapper for application number 12/581,342. Group Art Unit: 2189; Confirmation Number: 2393; Attorney Docket Number: ALA-034R. Filed October 19, 2009.	<input type="checkbox"/>
	6	CRAFT, PETER K. et al. "TCP Offload Send Optimization." The entire file wrapper for application number 12/504,021. Group Art Unit: 2443; Confirmation Number: 9303; Attorney Docket Number: ALA-033R. Filed July 16, 2009.	<input type="checkbox"/>

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	Attorney Docket Number	ALA-008F	

	7	PHILBRICK, CLIVE M. et al. "Freeing Transmit Memory on a Network Interface Device Prior to Receiving an Acknowledgment That Transmit Data Has Been Received By A Remote Device." The entire file wrapper for application number 12/470,980. Group Art Unit: 2447; Confirmation Number: 4934; Attorney Docket Number: ALA-023A. Filed May 22, 2009.	<input type="checkbox"/>
	8	STARR, DARYL D. et al. "Accelerating Data Transfer in a Virtual Computer System with Tightly Coupled TCP Connections." The entire file wrapper for application number 12/410,366. Group Art Unit: 2194; Confirmation Number: 3065; Attorney Docket Number: ALA-032R. Filed March 24, 2009.	<input type="checkbox"/>
	9	BOUCHER, LAURENCE B. et al. "Obtaining A Destination Address So That A Network Interface Device Can Write Network Data Without Headers Directly Into Host Memory." The entire file wrapper for application number 12/325,941. Group Art Unit: 2451; Confirmation Number: 2493; Attorney Docket Number: ALA-013B. Filed December 1, 2008.	<input type="checkbox"/>
	10	BOUCHER, LAURENCE B. et al. "Enabling An Enhanced Function Of An Electronic Device." The entire file wrapper for application number 11/985,948. Group Art Unit: 3685; Confirmation Number: 9878; Attorney Docket Number: ALA-022A. Filed November 19, 2007.	<input type="checkbox"/>
	11	STARR, DARYL D. et al. "Network Interface Device With 10 Gb/s Full-Duplex Transfer Rate." The entire file wrapper for application number 11/799,720. Group Art Unit: 2184; Confirmation Number: 6200; Attorney Docket Number: ALA-102. Filed May 1, 2007.	<input type="checkbox"/>
	12	CRAFT, PETER K. et al. "Peripheral Device That DMAS The Same Data To Different Locations In A Computer." The entire file wrapper for application number 11/788,719. Group Art Unit: 2465; Confirmation Number: 5750; Attorney Docket Number: ALA-031. Filed April 19, 2007.	<input type="checkbox"/>
	13	BOUCHER, LAURENCE B. et al. "TCP/IP Offload Network Interface Device." The entire file wrapper for application number 11/701,705. Group Art Unit: 2443; Confirmation Number: 7450; Attorney Docket Number: ALA-009D. Filed February 2, 2007.	<input type="checkbox"/>
	14	STARR, DARYL D. et al. "TCP/IP Offload Device With Reduced Sequential Processing." The entire file wrapper for application number 11/348,810. Group Art Unit: 2452; Confirmation Number: 8739; Attorney Docket Number: ALA-026A. Filed February 6, 2006.	<input type="checkbox"/>
	15	CRAFT, PETER K. et al. "Transferring Control of TCP Connections Between Hierarchy of Processing Mechanisms." The entire file wrapper for application number 11/249,006. Group Art Unit: 2462; Confirmation Number: 3046; Attorney Docket Number: ALA-029. Filed October 11, 2005.	<input type="checkbox"/>
	16	BOUCHER, LAURENCE B. et al. "Network Interface Device That Can Transfer Control Of A TCP Connection To A Host CPU." The entire file wrapper for application number 11/029,863. Group Art Unit: 2443; Confirmation Number: 6345; Attorney Docket Number: ALA-008I. Filed January 4, 2005.	<input type="checkbox"/>
	17	CRAFT, PETER K. et al. "Protocol Stack That Offloads A TCP Connection From A Host Computer To A Network Interface Device." The entire file wrapper for application number 11/027,842. Group Art Unit: 2444; Confirmation Number: 6231; Attorney Docket Number: ALA-007F. Filed December 30, 2004.	<input type="checkbox"/>

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	Attorney Docket Number	ALA-008F	

	18	CRAFT, PETER K. et al. "Protocol Stack That Offloads A TCP Connection From A Host Computer To A Network Interface Device." The entire file wrapper for application number 11/016,642. Group Art Unit: 2444; Confirmation Number: 2157; Attorney Docket Number: ALA-007E. Filed December 16, 2004.	<input type="checkbox"/>
	19	BOUCHER, LAURENCE B. et al. "Method and Apparatus For Dynamic Packet Batching With A High Performance Network Interface." The entire file wrapper for application number 10/678,336. Group Art Unit: 2462; Confirmation Number: 9798; Attorney Docket Number: ALA-008H. Filed October 3, 2003.	<input type="checkbox"/>
	20	PHILBRICK CLIVE M. et al. "Method And Apparatus For Data Re-Assembly With A High Performance Network Interface." The entire file wrapper for application number 10/634,062. Group Art Unit: 2443; Confirmation Number: 5537; Attorney Docket Number: ALA-008G. Filed August 4, 2003.	<input type="checkbox"/>
	21	BOUCHER, LAURENCE B. et al. "High Network Interface Device And System For Accelerated Communication." The entire file wrapper for 10/601,237. Group Art Unit: 2443; Confirmation Number: 9286; Attorney Docket Number: ALA-008F. Filed June 19, 2003.	<input type="checkbox"/>
	22	BOUCHER, LAURENCE B. et al. "Method And Apparatus For Distributing Network Traffic Processing On A Multiprocessor Computer." The entire file wrapper for 10/438,719. Group Art Unit: 2444; Confirmation Number: 7151; Attorney Docket Number: ALA-008E. Filed May 14, 2003.	<input type="checkbox"/>
	23	BOUCHER, LAURENCE B. et al. "Parsing A Packet Header." The entire file wrapper for 10/277,604. Group Art Unit: 2457; Confirmation Number: 7644; Attorney Docket Number: ALA-008B. Filed October 18, 2002.	<input type="checkbox"/>

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